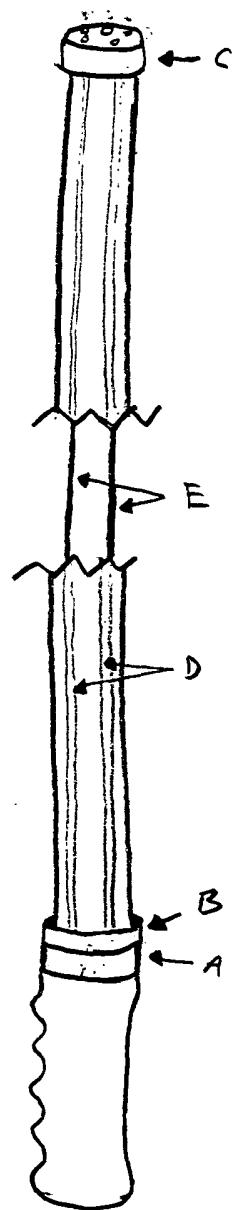
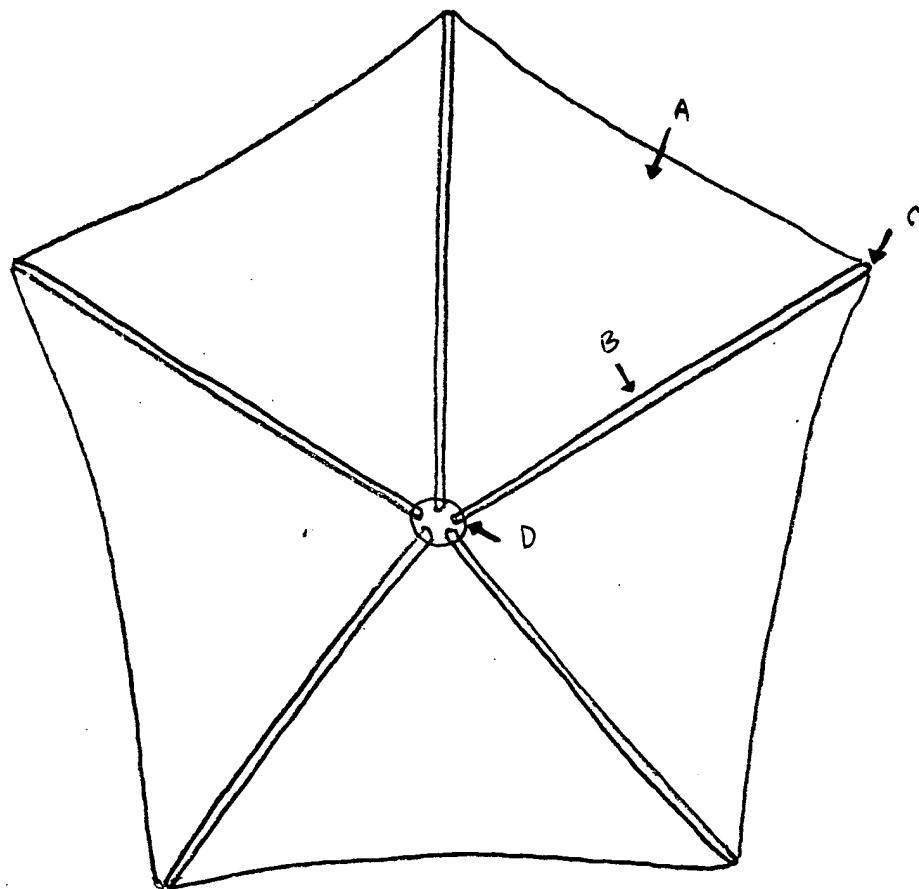


Figure 1  
(Shaft Design)



A: Bottom Static Ring  
B: Dynamic Ring  
C: Top Static Ring  
D: Channel of shaft  
E: Spokes

Figure 2  
(Canopy Design)



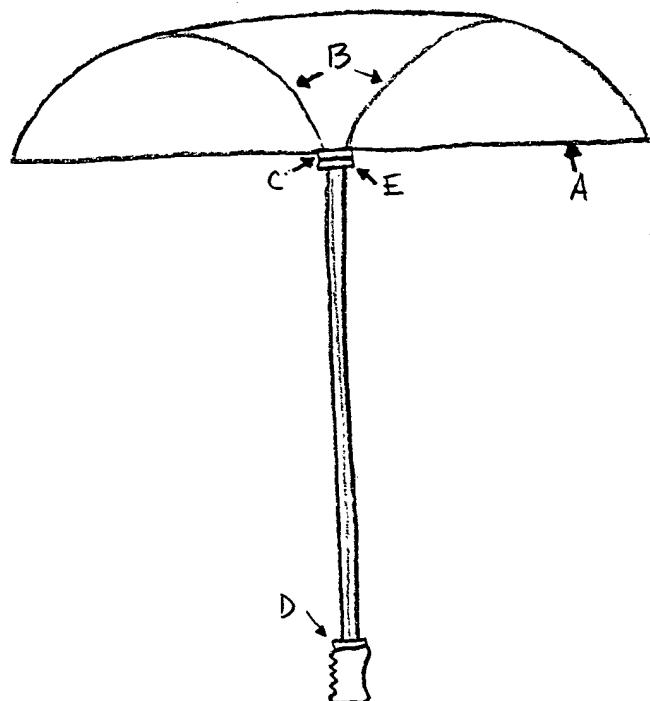
A: Canopy Fabric

B: Sleeve (Sewn In)

C: Reinforced, closed-end of Sleeve

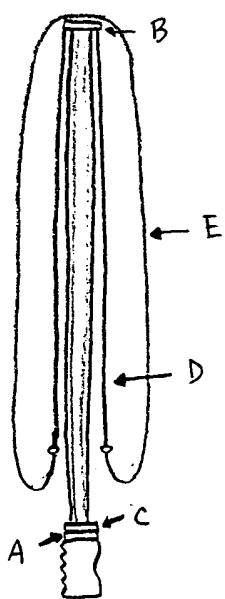
D: Open-end of Sleeve attached to "Top static Ring" (Fig 1.c)

Figure 3  
(Open Umbrella)



- A: Governing Strip
- B: Sleeves
- C: Top static Ring
- D: Bottom static Ring
- E: Dynamic Ring (up)

Figure 4  
(closed umbrella)



- A: Bottom Static Ring
- B: Top static Ring
- C: Dynamic Ring (Down)
- D: Governing strips
- E: Canopy